

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200308566-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Xiang Dai et al.

Confirmation No.: 5441

Application No.: 10/612,663

Examiner: James M. Mitchell

Filing Date: July 2, 2003

Group Art Unit: 2827

Title: SUPPORTING A CIRCUIT PACKAGE INCLUDING A SUBSTRATE HAVING A SOLDER COLUMN ARRAY

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ( ) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
( ) No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")  
(X) Other: response to restriction requirement (fee \$                     )

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$86	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Xiang Dai et al.

By

Paul S. Grunzweig

Attorney/Agent for Applicant(s)  
Reg. No. 37,143

Date: 04/26/04

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: 04/26/04

Typed Name: Paul S. Grunzweig

Signature: Paul S. Grunzweig



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Xiang Dai et al.

Examiner: James M. Mitchell

Serial No.: 10/612,663

Group Art Unit: 2827

Filed: July 2, 2003

Docket No.: 200308566-1 (H300.211.101)

Title: SUPPORTING A CIRCUIT PACKAGE INCLUDING A SUBSTRATE  
HAVING A SOLDER COLUMN ARRAY

**RESPONSE TO RESTRICTION REQUIREMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Restriction Requirement mailed March 25, 2004, Applicants hereby elect Group II, claims 8 through 20, without traverse.

Having thus addressed the Restriction Requirement imposed by the Examiner, reconsideration of the pending claims is respectfully requested.

Any inquiry regarding this Response should be directed to either David A. Plettner at Telephone No. (408) 447-3013, Facsimile No. (408) 447-0854 or Paul S. Grunzweig at Telephone No. (763) 878-0099, Facsimile No. (612) 573-2005. In addition, all correspondence should continue to be directed to the following address:

**Hewlett-Packard Company**  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

**Response to Restriction Requirement**

Applicant: Xiang Dai et al.

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Respectfully submitted,

Xiang Dai et al.

By their attorneys,

DICKE, BILLIG & CZAJA, PLLC

Fifth Street Towers

100 South Fifth Street, Suite 2250

Minneapolis, MN 55402

Telephone: (763) 878-0099

Facsimile: (612) 573-2005

Date: April 26, 2004  
PSG:kle

Paul S. Grunzweig  
Paul S. Grunzweig  
Reg. No. 37,143

**CERTIFICATE UNDER 37 C.F.R. 1.8:** The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, as first class mail, in an envelope address to: Commissioner for Patents, P.O. Box 1450, Alexandria, 22313-1450 on this 26<sup>th</sup> day of April 2004.

By Paul S. Grunzweig  
Name: Paul S. Grunzweig